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COLD STORAGE Report

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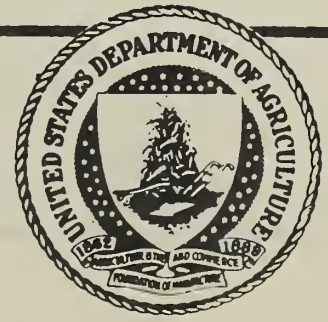
SPECIAL IN THIS ISSUE

Preliminary report on the 1963 survey of the capacity of refrigerated warehouses in the United States.

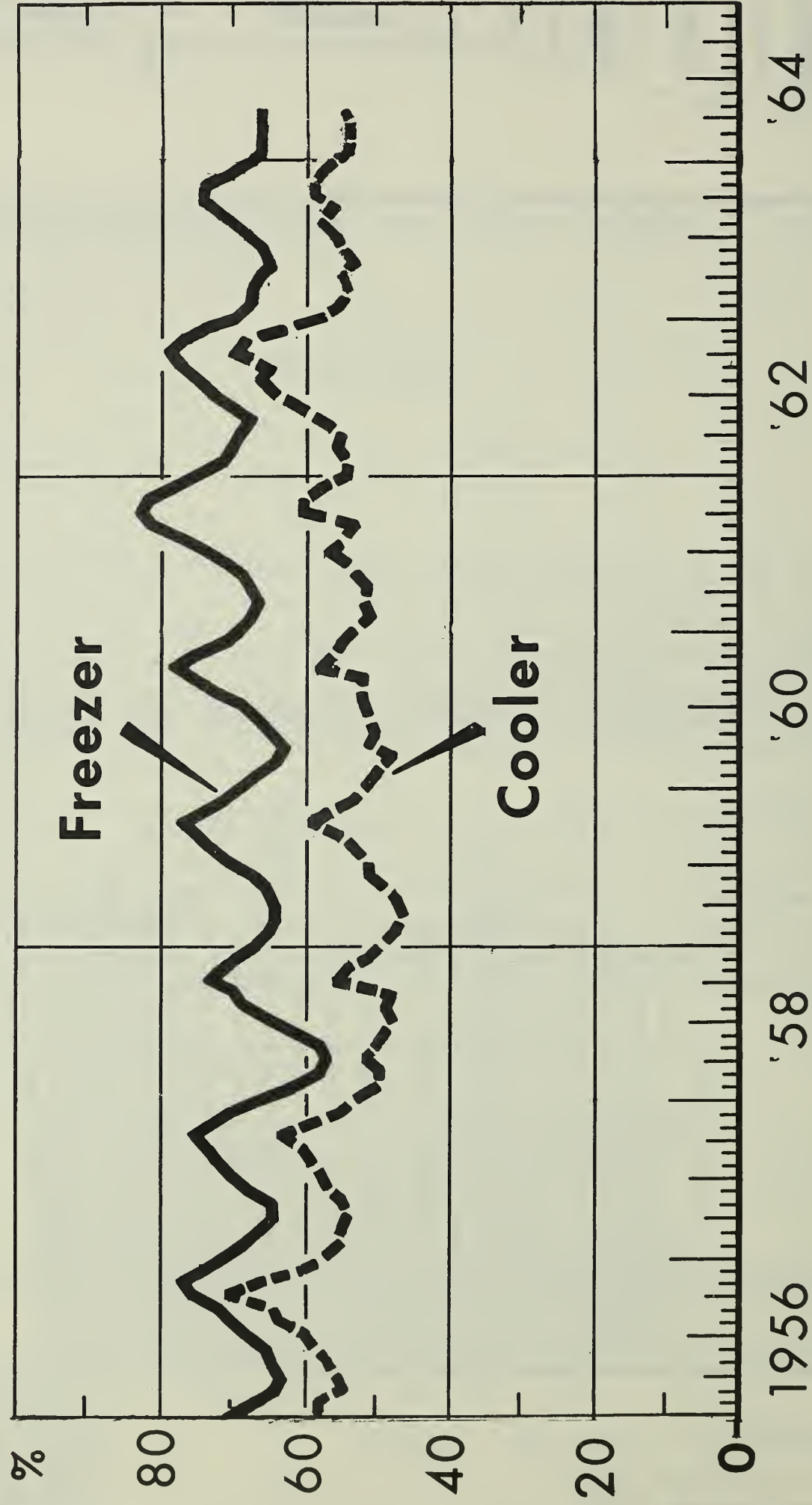
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[Data for this report are collected from public, private, and semiprivate warehouses, apple houses, and meat-packing plants where food products are generally stored for 30 days or more. Commodities in space owned or leased and operated by the armed services are not reported. All May 31, data are preliminary.]

U. S. DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
Agricultural Estimates Division
Washington, D. C.
Cost 1(6-64)



PERCENTAGE OCCUPANCY OF PUBLIC COLD-STORAGE WAREHOUSES



END OF MONTH OCCUPANCY

COLD STORAGE REPORT, JUNE 1, 1964

Commodity Summary

June 1 stocks held under refrigeration totaled 5.1 billion pounds, a new high for the date, according to the Crop Reporting Board. Cooler-held products declined as a result of seasonal reductions in apples, pears, vegetables, nuts, pork and canned meats. Product weight in storage totaled 1.7 billion pounds compared with 1.5 billion a year earlier. June 1 freezer stocks were down slightly from a month earlier and at 3.4 billion were about the same as a year earlier but 20 percent larger than average. Utilization of public refrigerated storage space showed a slight change from a month earlier. Cooler occupancy advanced 1 point to 55 percent on June 1 while freezer occupancy, at 66 percent, was unchanged. Meats in storage on June 1 were 10 million pounds larger than on May 1, the result of gains of 11 million pounds of beef and 3 million of pork which were offset partially by a 4 million pound reduction in stocks of other meats. Supplies of meats were one-third larger than this time last year and almost three-fifths larger than average. Poultry stocks declined 25 million pounds during May leaving 217 million pounds in storage on June 1. These supplies were larger than both last year and average. There was a general reduction in all areas except for a small gain in the New England States. Turkey holdings, down to 99 million pounds on June 1, were principally in California, New York, Illinois, and Minnesota.

Butter supplies increased 4 percent from May 1 and at 203 million pounds were 46 percent under the June 1, 1963 level but 12 percent larger than average. Government-owned stocks totaled 154 million pounds on June 1, down slightly from a month earlier. American cheese holdings were 311 million pounds following a 27 million pound gain during May. Stocks were 33 million pounds below those of a year earlier and 11 million less than average. Shell egg holdings totaled 174 thousand cases on June 1, more than double the stocks on May 1. Frozen egg holdings were up 22 million pounds to 85 million. These supplies were 18 percent under average for June 1 but 2 percent larger than a year earlier. Frozen fruit supplies were lowered in all sections of the country except in the East South Central where gains in frozen strawberry stocks raised total frozen fruit supplies. Total warehouse stocks of frozen fruits, however, were down 15 percent from May 1 and on June 1 totaled 210 million pounds. Frozen vegetables in storage were reduced to 989 million pounds. Total supplies were lowered in all regions of the country but reductions were sharpest in the West North Central. Stocks of all vegetable items were down except asparagus, broccoli, and spinach. The May orange concentrate buildup in Florida carried total June 1 warehouse stocks to 20 percent above last month's level. These supplies were 9 percent below both a year earlier and average. Of the 43 million gallons in storage, 38 million were in South Atlantic warehouses.

Storage occupancy in public warehouses

Cooler occupancy was 55 percent of capacity on June 1, an increase of 1 point from May 1. Occupancy of cooler space was 3 points greater than the 1958-62 average for this time of year and 2 point more than June 1 a year ago. Freezer occupancy was 66 percent of capacity, unchanged from last month. Occupancy of freezer space was 1 point above a year earlier and 2 points more than average.

Cooler and freezer stock changes

Reduction in supplies of fresh apples, pears, fresh vegetables, nuts, pork and canned meats lowered national cooler holdings to 1.7 billion pounds on June 1 -- 9 percent less than a month earlier but 13 percent larger than on June 1, 1963. Average holdings for this time of year are 1.4 billion pounds. Seasonal net withdrawals in stocks of frozen poultry, fruits, vegetables, and veal more than countered May gains in other freezer items. On June 1, total weight in freezers was down to 3.4 billion, about the same as a year earlier but 18 percent larger than average.

Juices, vegetables, and fruits

Warehouse supplies of orange concentrate moved up seasonally during May to 43 million gallons. Although the 7 million gallon gain was 4 million less than average for May, it is in contrast to the 1 million gallon reduction last year. Total warehouse stocks of orange juice were 20 percent larger than the previous month but 9 percent less than a year earlier and average. Except for asparagus, broccoli, and spinach, June 1 frozen vegetable supplies were lower than on May 1. A net reduction of 79 million pounds brought the June 1 inventory down to 989 million pounds. This reduction was 13 percent less than the May 1963 withdrawal but 55 percent greater than average. Total frozen vegetable supplies, however, exceeded the June 1, 1963 inventory by 5 percent and the average by almost 50 percent. Frozen fruit holdings totaled 210 million pounds on June 1 following a 38 million pound decline during May. The reduction was slightly less than last year and more than double the average May reduction. Stocks of all frozen fruit items were reduced during the month and on June 1 total supplies were down 23 percent from a year earlier and 27 percent from average. The sharpest reduction was 9 million pounds of cherries which lowered warehouse stocks to 18 million pounds. Frozen strawberry holdings were down to 57 million pounds.

Poultry and poultry products

Frozen poultry supplies on June 1 were 217 million pounds, 17 percent more than a year earlier and 19 percent above average. The 25 million pound reduction in stocks during May was average for the date and equaled the decrease a year earlier. Turkey stocks were 99 million pounds on June 1 -- a drop of 24 million pounds during May. The inventory was 9 percent above average and 3 percent above June 1 a year earlier but 25 percent below the record June 1, 1962 stocks. Frozen egg supplies totaled 85 million pounds, a gain of 22 million during the month. A year earlier, June 1 stocks were 83 million while the average is 104 million pounds. Shell egg stocks were 174 thousand cases compared with 200 thousand cases on June 1 last year. Average holdings for the date are 604 thousand cases.

Dairy and dairy products

Stocks of butter increased to 203 million pounds on June 1. This was a gain of 8 million during May compared with a 20-million gain a year earlier and the average increase of 30 million. Government owned butter on June 1 totaled 154 million pounds leaving 49 million in commercial channels compared with 45 million a year earlier. Holdings of American cheese on June 1 were 311 million pounds, 10 percent less than a year earlier and 3 percent below average for the date. Stocks increased 27 million pounds during May compared with a 26-million-pound gain a year earlier and the 22-million pound average May increase.

Meat and meat products

Supplies of meat and meat products increased 10 million pounds during May to 881 million pounds. A year earlier, stocks declined 25 million pounds and the average reduction is 9 million pounds. Stocks were a third larger than on June 1, 1963 and 57 percent more than average. Beef holdings, at 274 million pounds were up 11 million pounds compared with a 2-million pound reduction during May last year. The average change is a decrease of 7 million pounds. Frozen beef holdings were 256 million pounds, were the largest June 1 holdings on record. Stocks of pork were 34 percent above a year earlier and 49 percent above average. Frozen pork holdings were 439 million pounds, an increase of 4 million pounds while cooler pork stocks were 37 million pounds, a decline of 1 million. Supplies of frozen pork bellies on June 1 were 157 million pounds, 40 percent more than a year earlier and 49 percent greater than average.

Table 1. --Net change in storage holdings during May 1/

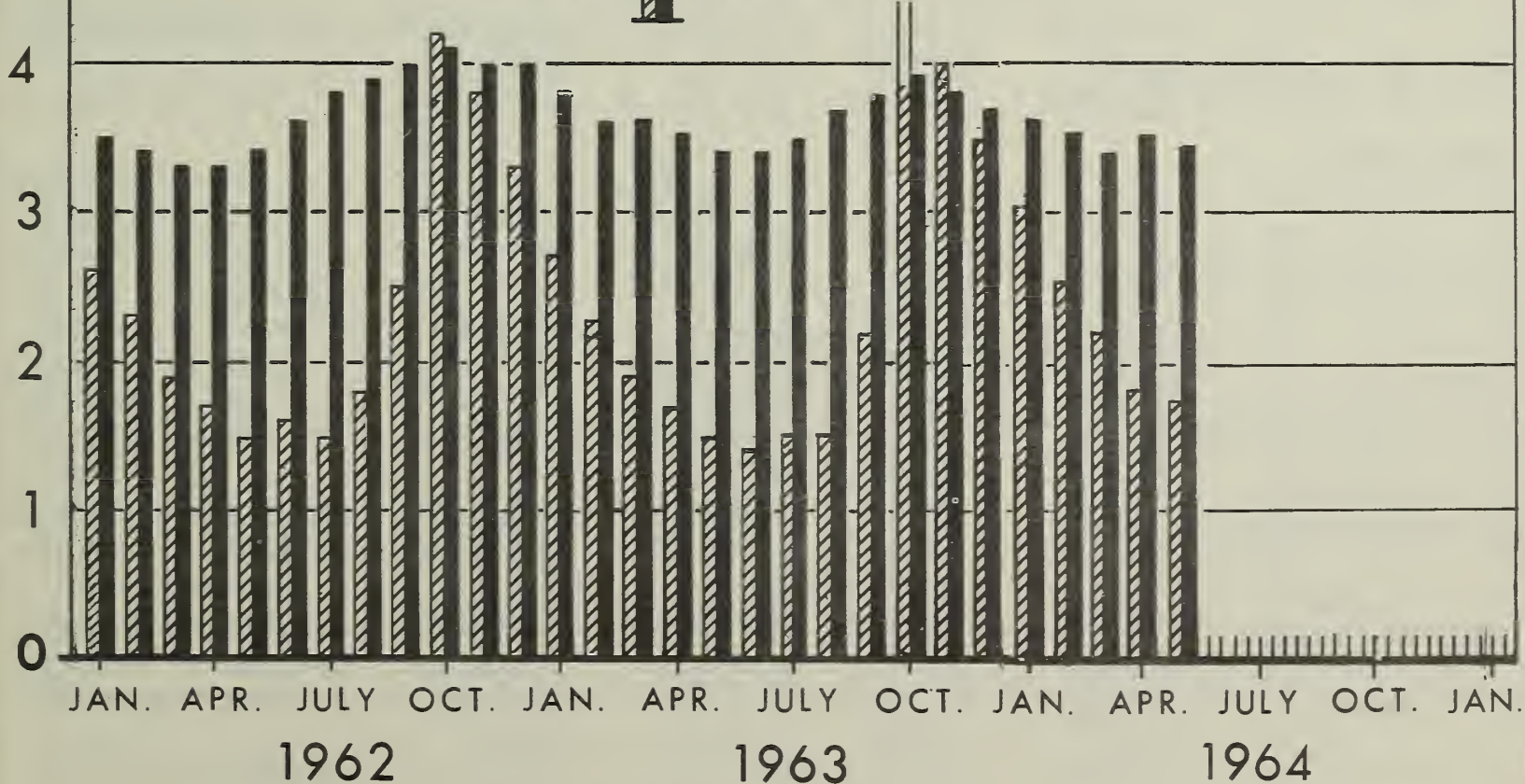
Cooler commodities	Holdings May 31, 1964	May net change		Freezer commodities	Holdings May 31, 1964	May net change	
		Quantity	Pct.			Quantity	Pct.
	1,000 lb.	1,000 lb.	Pct.		1,000 lb.	1,000 lb.	Pct.
Apples	114,768	- 180,528	61	Cream	13,613	4,946	57
Pears	8,480	- 12,180	59	Butter, creamery .	203,282	7,600	4
Other fresh fruits .	3,088	1,112	56	Eggs	84,707	22,311	36
Fresh vegetables . .	54,628	- 5,116	9	Poultry	216,564	- 24,849	10
Dried & evap. fts. .	36,358	3,138	9	Fruits	209,690	- 38,379	15
Nutmeats	321,957	- 8,797	3	Juices	616,235	56,188	10
Nuts in shell . . .	182,918	- 73	0	Vegetables	988,559	- 78,658	7
Other dairy prod. . .	2,260	945	72	Beef	256,279	9,149	4
Cheese	354,293	31,183	10	Pork	438,941	3,822	1
Shell eggs	8,143	4,352	115	Other meats . . .	29,138	- 44	0
Beef	18,104	1,829	11	Miscellaneous . .	376,240	7,354	2
Pork	37,209	- 1,261	3				
Canned meats . . .	101,677	- 3,730	4				
Miscellaneous . . .	440,903	4,962	1				
Total	1,684,786	- 164,164	9	Total	3,433,248	- 30,560	1

1/ For a detailed breakdown see the tables that follow.

NET WEIGHT OF REFRIGERATED COMMODITIES

BIL. LB.

Cooler  Freezer



END OF MONTH

TABLE 2. -End-of-month stocks of fruits, vegetables, and nuts

Net change in stocks during May and comparisons:

Fresh apples: Decreased by 4 million bushels; May 1963 decrease was 4 million bushels; average May decrease is 3 million bushels.

Fresh pears: Decreased by 282,000 boxes; May 1963 decrease was 118,000 boxes; average May decrease was 161,000 boxes.

COMMODITY	UNIT	May 1958-62 average THOU.	May 1963 THOU.	April 1964 THOU.	May 1964 THOU.
Apples, fresh:					
Regular storage.....	Bushels	1/	1,129	2,868	1,391
C. A. storage.....	do.	1/	914	3,284	1,000
Total.....	do.	1,886	2,043	6,152	2,391
Pears, fresh:					
Bartletts	Boxes, baskets, etc.	11	1	2	-
Bartletts	L.A. lugs	-	-	-	-
Other varieties	Boxes, baskets, etc.	29	27	314	130
Other varieties	L.A. lugs	5	4	162	66
Total.....	Boxes, baskets, etc.	45	32	478	196
Other fruits, vegetables, and nuts:					
Fresh grapes	Pounds	127	3	46	34
Other fresh fruits.....	do.	7,465	3,280	1,930	3,054
Dried and evaporated fruits...	do.	35,790	27,721	33,220	36,358
Onions	do.	6,926	3,313	5,750	3,546
Celery	do.	141	77	35	57
Other fresh vegetables	do.	49,194	27,799	53,959	51,025
Nut meats, peanuts	do.	213,462	259,844	283,500	275,130
Nut meats, other nuts	do.	48,996	48,430	47,254	46,827
Pecnuts, in shell.....	do.	7,401	6,297	8,431	8,863
Other nuts, in shell.....	do.	52,485	30,959	174,560	174,055

1/ Not available.

TABLE 3. — End-of-month stocks of frozen fruits and vegetables

Net change in stocks during May and comparisons:

Frozen fruits: Decreased by 38 million pounds; May 1963 decrease was 40 million pounds; average May decrease is 15 million pounds.

Frozen vegetables: Decreased by 79 million pounds; May 1963 decrease was 91 million pounds; average May decrease is 51 million pounds.

Frozen orange juice: Increased by 7 million gallons; May 1963 change was a decrease of 1 million gallons; average May change is an increase of 11 million gallons.

COMMODITY	May 1958-62 av.	May 1963	April 1964	May 1964	Percentage change during May		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	5-yr. av.	1963	1964
					Pct.	Pct.	Pct.
Fruits, frozen:							
Apples	45,451	54,246	61,235	53,617	- 11	- 11	- 12
Apricots	4,138	4,590	6,831	5,688	- 12	- 22	- 17
Blackberries	9,194	7,706	4,501	3,610	- 11	- 14	- 20
Blueberries	13,085	13,194	11,846	9,284	- 17	- 19	- 22
Boysenberries	1/	4,372	3,594	2,676	0	- 10	- 26
Cherries	29,893	49,716	26,725	18,029	- 19	- 19	- 32
Grapes	5,998	5,213	5,844	4,583	- 19	- 14	- 22
Peaches	24,729	25,140	28,931	22,603	- 17	- 14	- 22
Raspberries, red	(13,618	6,473	12,166	10,277	- 15	- 24	- 16
Raspberries, black .....	(	1,098	1,990	1,734	0	- 20	- 13
Strawberries	98,136	73,876	61,598	56,888	+ 16	- 7	- 8
All other fruits	43,445	27,049	22,808	20,701	- 4	- 9	- 9
Total	287,687	272,673	248,069	209,690	- 5	- 13	- 16
Juices, frozen:							
Orange juice	471,365	470,280	358,538	429,234	+ 29	- 3	+ 20
Gallons equivalent (2) ..	47,613	47,503	36,216	43,357	+ 29	- 3	+ 20
Other fruit juices	170,251	160,341	201,509	187,001	- 4	- 4	- 7
Vegetables, frozen:							
Asparagus	26,924	24,743	11,786	19,740	+ 81	+ 59	+ 68
Beans, Fordhook lima	(52,782	41,959	34,134	28,137	- 17	- 12	- 18
Beans, baby lima .....	(	49,171	38,841	33,004	0	- 11	- 15
Beans, snap, regular cut ..	(40,388	34,706	45,035	38,135	- 20	- 17	- 15
Beans, snap, French style ..	(	18,658	20,430	16,923	0	- 19	- 17
Broccoli	41,377	43,289	59,275	60,445	- 9	+ 10	+ 2
Brussels sprouts	14,550	16,113	20,075	16,769	- 15	- 19	- 16
Carrots	1/	32,168	35,385	30,925	0	- 11	- 13
Cauliflower	12,761	11,252	17,369	15,028	- 16	- 19	- 14
Corn	39,942	72,743	79,549	59,202	- 21	- 16	- 26
Mixed vegetables	19,560	23,856	26,700	26,053	- 13	+ 3	- 2
Peas, green	88,012	98,934	106,740	99,104	- 10	- 5	- 6
Peas and carrots, mixed ..	12,291	14,771	14,155	14,059	- 5	+ 2	- 1
Potatoes, French fried	150,192	268,823	345,789	320,041	- 4	- 16	- 8
Spinach	65,745	76,104	86,374	88,732	+ 2	+ 7	+ 3
Other frozen vegetables	97,731	115,269	125,580	122,262	- 4	- 4	- 3
Total	662,255	942,559	1,067,217	988,559	- 7	- 9	- 7

1/ Not available. 2/ 42° brix basis 9.9 pounds per gallon.

TABLE 4. --End-of-month stocks of dairy and poultry products

Net change in stocks during May and comparisons:

- Cream: Increased by 5 million pounds; May 1963 increase was 3 million pounds; average May increase is 8 million pounds.
- Butter: Increased by 8 million pounds; May 1963 increase was 20 million pounds; average May increase is 30 million pounds.
- Cheese: Increased by 31 million pounds; May 1963 increase was 29 million pounds; average May increase is 24 million pounds.
- Shell eggs: Increased by 93,000 cases; May 1963 increase was 144,000 cases; average May increase is 347,000 cases.
- Frozen eggs: Increased by 22 million pounds; May 1963 increase was 24 million pounds; average May increase is 30 million pounds.
- Frozen poultry: Decreased by 25 million pounds; May 1963 decrease was 25 million pounds; average May decrease is 25 million pounds.

COMMODITY	Unit	May 1958-62 av. Thou.	May 1963 Thou.	April 1964 Thou.	May 1964 Thou.
Cream, milk, and butter:					
Fluid cream	Pound	14,589	9,207	7,482	11,774
Plastic cream (75-85% butterfat).....	do.	3,306	1,083	1,185	1,839
Butter, creamery ^{1/}	do.	180,873	376,982	195,682	203,282
Condensed milk (bulk)	do.	4,665	859	1,034	1,170
Evap. and Cond. milk (case goods).....	do.	11,356	2,457	281	1,090
Cheese natural:					
American ^{1/}	do.	321,714	343,516	283,963	310,842
Swiss, including block.....	do.	10,455	8,411	10,252	11,043
All other varieties.....	do.	30,911	32,325	28,895	32,408
Total cheese	do.	363,080	384,252	323,110	354,293
Eggs:					
Shell	Case	604	200	81	174
Frozen eggs, total.....	Pound	103,775	82,690	62,396	84,707
Whites	do.	30,915	16,941	13,447	18,889
Yolks	do.	27,289	23,806	18,276	23,904
Whole or mixed	do.	41,524	39,832	29,791	40,792
Unclassified	do.	4,047	2,111	882	1,122
Total eggs ^{2/} (case equivalent).....	Case	3,231	2,293	1,661	2,318
Poultry, frozen:					
Broilers or fryers.....	Pound	19,415	20,398	23,367	22,875
Roasters	do.	7,577	8,909	9,620	9,811
Hens, fowls	do.	36,343	30,229	48,485	48,000
Turkeys	do.	90,383	95,979	122,524	98,581
Ducks	do.	3,990	6,394	7,019	8,338
Unclassified	do.	24,731	23,004	30,398	28,959
Total poultry	do.	182,439	184,913	241,413	216,564

^{1/} Includes Government-owned stocks listed on page 12.^{2/} Frozen eggs converted on the basis of 39.5 pounds to the case.

TABLE 5. — End-of-month stocks of dairy and poultry products, by States
May 31, 1964

State	Creamery butter	American cheese	Shell eggs	Frozen eggs	Frozen Poultry	
					Turkeys	Other poultry
	1,000 pounds	1,000 pounds	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds
Massachusetts	1,316	3,842	1	1,561	2,204	1,429
Other States	8,258	219	5	436	887	6,001
New England	9,574	4,061	6	1,997	3,091	7,430
New York	5,391	40,571	7	5,106	9,497	10,979
New Jersey	10,121	278	29	2,432	2,133	1,223
Pennsylvania	2,878	1,156	2	2,375	3,404	2,957
Middle Atlantic	18,390	42,005	38	9,913	15,034	15,159
Ohio	2,646	2,964	21	2,943	2,851	3,786
Indiana	3,807	82	-	2,287	304	254
Illinois	71,849	3,597	19	11,673	8,946	5,673
Michigan	829	3,304	-	1,440	3,054	707
Wisconsin	6,817	180,472	-	246	1,323	345
East North Central	85,948	190,419	40	18,589	16,478	10,765
Minnesota	55,059	20,181	-	2,264	6,496	1,117
Iowa	11,912	255	-	6,129	1,953	2,225
Missouri	4,821	28,160	27	12,926	5,982	3,695
Dakotas	358	71	-	42	83	36
Nebraska	2,816	164	-	5,492	4,127	12,984
Kansas	3,780	654	-	4,266	1,557	376
West North Central	78,746	49,485	27	31,119	20,198	20,433
South Atlantic	2,247	10,293	21	8,028	7,399	32,752
Kentucky	258	2,851	1	1,077	283	324
Tennessee	641	1,269	3	2,702	1,762	3,457
Ala. and Mississippi	103	142	-	202	59	3,692
East South Central	1,002	4,262	4	3,981	2,104	7,473
Arkansas and Louisiana	321	398	3	863	1,203	4,481
Oklahoma	1,162	1,468	-	210	771	689
Texas	826	476	3	4,966	2,739	3,013
West South Central	2,309	2,342	6	6,039	4,713	8,183
Colorado	673	47	-	651	1,063	483
Other States	312	2,662	-	170	3,022	785
Mountain	985	2,709	-	821	4,085	1,268
Washington	830	251	2	863	1,539	1,388
Oregon	623	3,930	-	78	990	526
California	2,628	1,085	30	3,279	22,950	12,606
Pacific	4,081	5,266	32	4,220	25,479	14,520
United States	203,282	310,842	174	84,707	98,581	117,983

TABLE 6.

End-of-month stocks of meats and meat products

Net change in stocks during May and comparisons:

Beef: Increased by 11 million pounds; May 1963 change was a decrease of 2 million pounds; average May change is a decrease of 7 million pounds.

Pork: Increased by 3 million pounds; May 1963 change was a decrease of 18 million pounds; average May change is a decrease of 2 million pounds.

Other meats: Decreased by 4 million pounds; May 1963 decrease was 5 million pounds; average May decrease is .5 million pounds.

COMMODITY	May 1958-62 av. 1,000 pounds	May 1963 1,000 pounds	April 1964 1,000 pounds	May 1964 1,000 pounds
Beef:				
Frozen	130,920	172,574	247,130	256,279
In cure and cured	12,347	12,485	16,275	18,104
Total	143,267	185,059	263,405	274,383
Pork, frozen:				
Picnics	10,298	7,977	17,468	18,490
Hams	51,230	50,958	81,771	77,386
Bellies	105,268	112,447	156,572	157,088
Loins	1/	17,740	19,997	21,083
Jowls	1/	14,917	15,096	14,982
Butts	1/	9,766	9,603	10,187
Spareribs	1/	17,626	25,689	23,566
Trimmings	1/	21,312	30,213	34,523
Other pork	106,206	66,478	78,710	81,636
Total	273,002	319,221	435,119	438,941
Pork in cooler:				
Dry salt bellies	10,787	7,057	6,374	7,077
Other dry salt pork	7,360	4,726	4,893	5,038
Other pork cuts	29,165	25,251	27,203	25,094
Total	47,312	37,034	38,470	37,209
Total pork	320,314	356,255	473,589	476,150
Other meats and meat products:				
Veal, frozen	8,975	8,929	12,868	12,644
Lamb and mutton, frozen	15,667	21,436	16,314	16,494
Canned meats in cooler:				
Hams	(73,987	62,065	67,237	63,545
Other meats .....	(	26,936	38,170	38,132
Total all meats	562,210	660,680	871,583	881,348
Hides and pelts	68,276	50,073	46,691	44,650

1/ No historical data available.

2/ Includes other canned meats.

Table 7. --End-of-month stocks of frozen fishery products 1/

Species	May 1963	April 1964	May 1964
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
Salt-water:			
Filletts and steaks:			
Blocks and slabs	11,701	9,890	13,115
Cod	7,166	7,599	6,664
Flounder	2,700	4,074	4,580
Haddock	6,274	7,213	7,771
Halibut	1,940	1,722	1,993
Ocean perch	7,146	7,556	7,753
Pollock	471	705	684
Salmon	115	192	105
Whiting	777	379	319
Other filletts and steaks	4,909	4,972	5,170
Fish sticks and portions (raw & cooked)	12,435	9,290	9,393
Round, dressed, etc:			
Halibut	17,150	8,088	11,424
Mackerel (except Spanish)	562	508	394
Sablefish	1,915	1,397	1,188
Salmon:			
King or chinook	2,008	2,329	2,281
Silver or coho	1,017	1,447	957
Chum or keta	626	727	691
Unclassified	643	546	608
Smelt	1,322	1,109	907
Swordfish	2,209	1,595	1,575
Tuna	147	130	118
Whiting, headed and gutted	1,664	3,865	1,859
Other (except bait)	12,266	10,553	8,739
Fresh-water:			
Filletts and steaks	796	680	710
Round, dressed, etc.:			
Chubs	825	1,284	1,372
Trout	1,151	1,075	1,070
Whitefish	765	859	660
Other (except bait)	1,684	2,224	2,011
Bait and animal food (salt & fresh-water)	17,936	8,654	12,040
Shellfish:			
Crabs (incl. crab meat)	2,535	5,597	5,191
Lobster tails (spiny)	6,574	4,143	3,719
Oyster meats	1,828	2,055	1,788
Scallop meats	1,716	1,730	1,595
Shrimp:			
Raw (headless, shell-on)	24,053	23,524	26,572
All other (including breaded)	10,857	10,411	10,041
Squid	1,423	1,001	948
Other shellfish	1,399	1,570	1,497
Total frozen fish and shellfish	170,705	155,693	157,502
Cured fish	15,220	11,360	11,470
Total all fish and shellfish	185,925	167,053	168,972

1/ Data furnished by the Department of the Interior, Bureau of Commercial Fisheries.

TABLE 8.

-- Cold storage holdings, by geographic regions, May 31, 1964

Commodity	Unit	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	Total
		THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.
Fruits, frozen:											
Apples	Pound	3,782	15,747	11,307	891	13,733	69	663	309	7,116	53,617
Apricots	do.	22	549	713	111	9	-	658	16	3,610	5,688
Blackberries	do.	57	292	600	685	91	18	553	123	1,191	3,610
Blueberries	do.	1,823	2,257	2,779	611	388	70	365	53	938	9,284
Boysenberries	do.	2	125	287	38	31	-	293	44	1,856	2,676
Cherries	do.	181	5,410	7,011	1,316	666	104	715	657	1,969	18,029
Grapes	do.	3	1,855	2,026	29	-	-	121	17	532	4,583
Peaches	do.	220	4,761	4,070	1,032	4,307	355	1,538	352	5,968	22,603
Red Raspberries	do.	326	1,961	1,816	1,169	271	10	452	97	4,175	10,277
Black Raspberries	do.	7	456	826	57	76	45	54	38	175	1,734
Strawberries	do.	1,772	9,923	8,880	9,561	2,875	2,028	6,274	622	14,953	56,888
Other frozen fruits	do.	755	3,763	3,955	2,567	378	287	1,333	589	7,074	20,701
Total	do.	8,950	47,099	44,270	18,067	22,825	2,986	13,019	2,917	49,557	209,690
Juices, frozen:											
Orange juice	do.	1,397	6,959	5,834	1,901	383,049	1,131	2,316	702	25,945	429,234
Other fruit juices and purees	do.	3,120	31,908	21,027	8,634	85,792	629	3,956	806	31,129	187,001
Vegetables, frozen:											
Asparagus	do.	276	2,014	660	1,804	1,906	212	436	486	11,946	19,740
Beans, Fordhook lima	do.	315	4,298	2,151	4,730	1,192	489	585	385	13,992	28,137
Beans, baby lima	do.	201	4,311	2,546	5,737	3,860	907	672	4,011	10,759	33,004
Beans, snap, regular cut	do.	1,228	8,948	3,446	3,064	2,318	1,508	1,047	256	16,320	38,135
Beans, snap, French style	do.	252	7,008	782	1,133	1,508	944	584	94	4,618	16,923
Broccoli	do.	728	7,191	2,200	9,080	3,119	946	1,345	458	35,378	60,445
Brussels sprouts	do.	212	2,999	823	3,052	887	371	540	440	7,445	16,769
Carrots	do.	183	4,456	1,985	4,213	1,855	68	913	163	17,089	30,925
Cauliflower	do.	364	2,286	683	2,227	513	333	856	197	7,569	15,028
Corn	do.	838	9,246	6,329	16,094	2,563	1,008	796	628	21,700	59,202
Mixed vegetables	do.	279	5,305	1,776	4,451	1,273	432	619	611	11,307	26,053
Peas, green	do.	2,180	13,616	7,384	12,565	5,084	895	1,676	1,190	54,514	99,104
Peas and carrots, mixed	do.	228	2,112	765	2,549	495	144	656	289	6,821	14,059
Potatoes, french fried	do.	41,324	25,382	9,938	33,802	6,796	4,130	2,278	149,724	46,667	320,041
Spinach	do.	1,322	9,789	2,168	11,331	5,338	2,104	5,508	937	50,235	88,732
Other frozen vegetables	do.	3,820	14,381	4,526	9,869	16,993	17,180	15,475	10,873	29,145	122,262
Total	do.	53,750	123,342	48,162	125,701	55,700	31,671	33,986	170,742	345,505	988,559
Poultry, frozen:											
Broilers or fryers	do.	1,244	2,425	1,486	2,983	6,980	2,031	2,501	157	3,068	22,875
Roasters	do.	4,132	1,250	818	333	1,201	185	945	187	760	9,811
Hens, fowls	do.	1,213	2,345	2,739	13,747	19,907	1,995	2,206	489	3,359	48,000
Turkeys	do.	3,091	15,094	16,478	20,198	7,399	2,104	4,713	4,085	25,479	98,581
Ducks	do.	330	5,293	1,211	232	290	87	115	71	709	8,338
Unclassified	do.	511	3,846	4,511	3,138	4,374	3,175	2,416	364	6,624	28,959
Total	do.	10,521	30,193	27,243	40,631	40,151	9,577	12,896	5,353	39,999	216,564

Continued

TABLE 8.

-- Cold storage holdings, by geographic regions, May 31, 1964

-- Continued

Commodity	Unit	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	Total
		THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.	THOU.
Fruits, vegetables, and nuts:											
Fresh grapes	Pound	-	33	1	-	-	-	-	-	-	34
Other fresh fruits	do.	53	904	1,132	112	146	-	148	1	558	3,054
Dried and evaporated fruits	do.	1,266	18,622	7,951	1,007	715	383	1,883	112	4,419	36,358
Onions	do.	-	2,574	436	12	97	-	23	-	404	3,546
Celery	do.	-	11	27	16	-	-	3	-	-	57
Other fresh vegetables	do.	4,263	10,062	7,344	5,828	1,392	7,439	3,951	1,994	8,752	51,025
Peanut meats	do.	461	331	3,182	2,185	224,602	17,518	26,587	6	258	275,130
Other nut meats	do.	1,130	5,558	7,222	2,654	4,972	1,846	4,635	319	18,491	46,827
Peanuts, in shell	do.	-	14	78	23	8,589	13	44	-	102	8,863
Other nuts, in shell	do.	749	3,511	9,913	7,630	50,154	31,576	59,279	1,696	9,547	174,055
Fresh apples	Bushel	84	450	180	2	29	3	7	8	1,628	2,391
Fresh pears	Boxes	1	61	3	-	1	-	2	-	128	196
Dairy products and eggs:											
Cream (not including plastic)	Pound	-	8,590	1,159	125	1,349	-	92	68	391	11,774
Cream, plastic	do.	428	215	-	19	765	-	237	175	-	1,839
Butter, creamery	do.	9,574	18,390	85,948	78,746	2,247	1,002	2,909	985	4,081	203,282
Cheese, Natural, American	do.	4,061	42,005	190,419	49,485	10,293	4,262	2,342	2,709	5,266	310,842
Cheese, Swiss	do.	14	324	7,363	1,607	8	1	766	924	36	11,043
Cheese, Other natural varieties	do.	65	3,705	25,681	1,289	931	1	26	266	444	32,408
Eggs, shell	Case	6	38	40	27	21	4	6	-	32	174
Eggs, frozen	Pound	1,997	9,913	18,589	31,119	8,028	3,981	6,039	821	4,220	84,707
Meats, meat products, and fish:											
Beef, frozen	do.	20,447	45,782	62,026	39,812	15,269	5,993	17,980	8,051	40,919	256,279
Beef, in cure or cured	do.	-	2,378	5,131	4,895	1,048	953	546	1,535	1,618	18,104
Pork, frozen:											
Picnics	do.	375	710	5,376	6,624	916	916	1,334	437	1,802	18,490
Hams	do.	2,700	5,049	24,491	31,223	1,729	3,206	3,219	1,897	3,872	77,386
Bellies	do.	727	3,591	73,698	55,719	4,053	8,120	5,026	1,604	4,550	157,088
Loins	do.	1,446	1,625	4,386	7,823	2,201	607	443	438	2,114	21,083
Jowls	do.	231	1,123	3,379	6,228	991	1,026	425	70	1,509	14,982
Butts	do.	313	498	2,778	3,911	621	345	190	303	1,228	10,187
Spareribs	do.	694	717	3,550	10,448	732	854	596	281	5,694	23,566
Trimnings	do.	1,170	1,714	12,773	10,424	2,071	1,347	1,884	916	2,224	34,523
Other frozen pork cuts	do.	837	8,779	28,340	22,277	3,722	6,888	2,422	2,108	6,263	81,636
Pork, in cure or cured:											
Dry salt bellies	do.	-	150	918	5,430	247	126	87	28	91	7,077
Other dry salt pork	do.	-	115	1,620	2,864	277	28	97	-	37	5,038
Other pork cuts	do.	74	2,781	4,779	9,884	3,186	1,026	586	465	2,313	25,094
Veal, frozen	do.	1,191	3,580	1,827	2,143	1,015	438	806	472	1,172	12,644
Lamb and mutton, frozen	do.	2,038	5,041	2,216	1,587	1,112	678	1,212	80	2,530	16,494
Canned hams	do.	1,674	11,081	13,997	26,358	808	1,241	1,320	112	6,954	63,545
Other canned meats	do.	291	1,671	5,918	28,517	371	41	132	144	1,047	38,132
Hides and pelts	do.	373	695	7,435	28,649	1,405	202	3,988	1,054	849	44,650
Fish, frozen	do.	45,334	29,538	9,353	10,986	8,501	10,814	2,703	2,226	1/38,047	157,502

(1) Includes fish in Alaska.

Table 9. --Commodities stored in public general cold storage warehouses,
April 30, 1964

Cooler commodities	Net weight	Freezer commodities	Net weight
	<u>1,000 pounds</u>		<u>1,000 pounds</u>
Apples	15,648	Cream	6,799
Pears	3,730	Butter, creamery	188,888
Other fresh fruits	1,712	Eggs	55,079
Fresh vegetables	45,795	Poultry	207,710
Dried & evap. fruits	30,813		
Nutmeats	218,282	Fruits	177,311
Nuts in shell	161,482	Juices	212,484
Other dairy products	1,124		
Cheese	151,989	Vegetables	678,489
Shell eggs	3,276		
		Beef	225,594
Beef	570	Pork	335,560
Pork	1,161	Other meats	25,198
Canned meats	52,158		
Fish	10,129	Fish	127,549
Miscellaneous	292,881	Miscellaneous	180,861
Total	990,750	Total	2,421,522

Table 10. --End-of-month stocks of certain commodities in storage owned
by the Government 1/

Commodity	Unit	May 1958-62 average	May 1963	April 1964	May 1964 <u>2/</u>
		<u>Thou.</u>	<u>Thou.</u>	<u>Thou.</u>	<u>Thou.</u>
Butter, creamery <u>.3/</u> . . .	lb.	132,288	332,200	154,606	153,569
American Cheddar cheese . .	lb.	43,282	28,898	8,807	11,387
Pork	lb.	3,199	1,993	1,496	1,174
Beef	lb.	1,947	3,044	2,588	5,433

1/ Government holdings are included in the tables of total holdings elsewhere in the report and consist of reported stocks held by USDA, the Armed Services, and other Government agencies. In addition to stocks reported above, Armed Services hold some stocks in space owned and operated by them on which figures are not available.

2/ Based on actual reports. Estimates on late reports are not included. Current figures will be revised next month.

3/ Does not include butter oil, ghee, and canned butter.

TABLE 11.-- End-of-month space and occupancy in public general warehouses in selected cities

City (1)	Net piling space reported (2)		Percentage of net piling space occupied							
			April 1963		May 1963		April 1964		May 1964 2/	
	Cooler	Freezer	Cooler	Freezer	Cooler	Freezer	Cooler	Freezer	Cooler	Freezer
	1,000 cu. ft.	1,000 cu. ft.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
New England:										
Boston	1,729	5,617	43	71	45	76	45	69	58	70
Middle Atlantic:										
New York	4,514	6,964	82	79	85	74	81	77	83	77
Jersey City.	4,817	8,564	48	70	56	71	47	68	54	66
Buffalo.	894	1,589	26	49	26	44	31	47	20	45
Rochester.	1,027	2,541	19	50	22	43	36	42	37	39
Philadelphia	1,145	6,371	61	68	64	71	59	58	69	68
Pittsburgh	1,119	1,678	43	49	41	45	66	46	81	57
E. N. Central:										
Cleveland.	1,830	2,886	47	52	48	50	67	67	64	65
Cincinnati	484	2,084	52	92	63	93	73	93	84	96
Chicago.	13,197	18,627	59	91	62	92	57	90	57	88
Detroit.	2,632	4,273	80	84	74	83	67	84	68	85
Milwaukee.	240	1,726	69	82	62	72	82	92	82	91
W. N. Central:										
Minn. St. Paul	1,093	3,898	63	85	83	90	85	88	91	92
St. Louis.	3,421	4,469	83	83	65	79	67	78	71	81
Kansas City	6,393	18,106	74	84	73	85	59	74	59	74
South Atlantic:										
Baltimore & D. C.	793	4,541	45	63	56	59	63	56	64	56
Richmond	3/	3/	65	76	68	79	65	82	3/	3/
Norfolk	985	1,126	27	76	59	75	53	72	69	80
E. S. Central:										
Nashville.	954	2,286	84	80	83	82	90	84	92	87
Memphis.	415	2,553	19	61	16	66	94	69	93	78
W. S. Central:										
New Orleans.	3/	3/	67	65	84	56	60	65	3/	3/
Dallas	4,064	4,358	71	77	38	50	48	74	50	77
Ft. Worth.	1,016	1,177	86	55	67	54	83	63	74	62
Pacific:										
Seattle	200	1,399	6	47	12	67	6	46	9	43
Portland	216	4,285	25	33	19	28	31	18	19	16
Los Angeles.	3,005	10,187	80	74	79	75	85	75	80	76
San Francisco.	1,119	2,985	50	57	46	59	63	56	67	62
San Jose	2,309	3,510	6	35	7	27	13	24	13	24
Modesto	74	3,429	72	69	23	69	34	64	41	63

1/ Space shown includes public warehouses located in the metropolitan area.

2/ Space reported to USDA and temperatures held on May 31, 1964.

3/ Insufficient returns received from this city.

REFRIGERATED SPACE 8 PERCENT LARGER THAN IN 1961

Refrigerated warehouses in the United States (excluding Alaska and Hawaii) had a capacity of 1,108 million gross cubic feet as of October 1, 1963, according to a survey made by the United States Crop Reporting Board. Approximately 579 million cubic feet could hold temperatures of 0° F. or below and 529 million cubic feet could hold temperatures of 0° F. to 50° F. Since the October 1, 1961 survey, refrigerated warehouses increased their capacity by 84 million cubic feet -- three-fourths of which was in the range of 0° F. and below.

Refrigerated storage facilities are defined as places artificially cooled to temperatures of 50° F. or below in which food products are generally stored for 30 days or more.

Capacity gains were reported in all geographic regions of the country. A national summary of the 22nd biennial survey is given in the table below. Table 13 gives a more complete report by States and regions.

Table 12. --Gross Refrigerated Warehouse Capacity in the United States
October 1, 1963 1/

Type of warehouse	0° F. or below	Above 0° F. to 50° F.	Total	Percentage change since 1961
	Million cu. ft.	Million cu. ft.	Million cu. ft.	Percent
Public <u>2/</u>	422	208	630	+ 6
Private & Semiprivate <u>2/</u> .	140	287	427	+ 13
Meat Packing.	17	34	51	- 2
U. S. Total <u>3/</u>	579	529	1,108	+ 8

1/ Does not include space owned or leased and operated by the Armed Services.

2/ Includes apple houses.

3/ Does not include 4 million gross cubic feet in Alaska and Hawaii.

Table 13. --Usable refrigerated piling space, United States, October 1, 1963

State and region	Type of warehouse			
	Public general		Other	
	0° F. or below	Above 0° F. to 50° F.	0° F. or below	Above 0° F. to 50° F.
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
Maine.....	3,134	135	1,999	2,266
New Hampshire.....	1/	1/	1/	1/
Vermont.....	1/	1/	1/	1/
Massachusetts.....	13,200	2,632	1,685	5,677
Rhode Island.....	1/	1/	1/	1/
Connecticut.....	1,054	418	11	2,413
New England.....	18,831	3,510	3,819	13,406
New York.....	24,120	16,606	6,268	27,019
New Jersey.....	12,871	5,421	1,793	5,245
Pennsylvania.....	12,297	4,132	2,763	12,901
Middle Atlantic.....	49,288	26,159	10,824	45,165
Ohio.....	9,633	4,235	500	4,542
Indiana.....	2,371	469	966	1,894
Illinois.....	21,650	18,757	1,305	2,464
Michigan.....	9,747	4,737	6,924	17,546
Wisconsin.....	3,596	10,567	1,879	8,352
East North Central....	46,997	38,765	11,574	34,798
Minnesota.....	8,113	1,047	5,771	2,283
Iowa.....	4,799	784	3,306	2,948
Missouri.....	9,094	4,485	1,126	2,359
North & South Dakota....	354	44	380	2,034
Nebraska.....	4,294	1,035	1,053	1,714
Kansas.....	18,410	5,991	795	1,929
West North Central....	45,064	13,386	12,431	13,267
Delaware.....	735	135	1,567	64
Maryland & D. C.....	5,658	694	797	1,990
Virginia.....	2,769	5,951	2,628	20,601
West Virginia.....	513	1,142	214	4,942
North Carolina.....	1,108	798	582	831
South Carolina.....	1,023	118	161	134
Georgia.....	7,451	8,171	1,471	1,263
Florida.....	19,572	1,158	24,905	2,978
South Atlantic.....	38,829	18,167	32,325	32,803
Kentucky.....	1,556	797	9	102
Tennessee.....	8,337	1,774	543	1,461
Alabama.....	2,473	1,596	117	98
Mississippi.....	484	251	20	406
East South Central....	12,850	4,418	689	2,067
Arkansas.....	3,327	244	117	228
Louisiana.....	2,798	1,262	501	57
Oklahoma.....	1,562	607	559	423
Texas.....	12,988	7,979	1,255	1,953
West South Central....	20,675	10,092	2,432	2,661
Montana.....	113	75	43	117
Idaho & Wyoming.....	4,645	304	6,029	214
Colorado.....	3,008	674	349	309
New Mexico.....	1/	1/	1/	1/
Arizona.....	1/	1/	1/	1/
Utah & Nevada.....	2,135	350	61	188
Mountain.....	10,756	1,660	6,588	1,015
Washington.....	16,353	1,864	7,430	87,408
Oregon.....	12,346	2,276	10,744	13,113
California.....	38,258	8,890	18,790	29,548
Pacific.....	66,957	13,030	36,964	130,069
United States.....	310,247	129,187	117,646	275,251

1/ Not shown to avoid disclosure of individual plant reports.

TABLE 14. -- End-of-month space and occupancy in public general refrigerated warehouses

State or geographic region	Net piling space reported (1) May 1964		Percentage of net piling space occupied							
			May 1958-62 av.		May 1963		April 1964		May 1964 2/	
	Cooler	Freezer	Cooler	Freezer	Cooler	Freezer	Cooler	Freezer	Cooler	Freezer
	1,000 cu. ft.	1,000 cu. ft.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Maine, N. H. and Vt. . . .	233	3,614	52	63	73	93	27	74	27	74
Massachusetts	2,854	8,191	67	64	56	74	55	70	63	71
R. I. and Connecticut . .	617	1,515	53	68	62	77	63	80	63	80
New England	3,704	13,320	64	65	58	79	55	72	61	73
New York	16,591	20,546	39	61	38	61	42	62	41	61
New Jersey	5,309	10,365	50	58	54	67	45	65	51	62
Pennsylvania	3,236	9,547	46	63	45	64	53	58	61	68
Middle Atlantic	25,136	40,458	41	62	42	63	44	62	46	63
Ohio	3,841	8,064	53	66	57	69	62	79	61	81
Indiana	556	1,973	64	79	76	77	82	86	83	85
Illinois	16,595	20,149	60	78	61	90	57	88	57	87
Michigan	4,049	9,360	49	57	54	62	46	58	46	54
Wisconsin	8,307	3,028	58	73	78	73	51	81	60	81
East North Central . . .	33,348	42,574	57	72	64	77	55	79	58	78
Minnesota	1,515	7,214	69	78	71	81	68	83	75	86
Iowa	687	5,998	61	71	43	79	66	76	64	81
Missouri	3,383	7,484	62	74	51	77	59	72	66	74
Dakotas and Nebraska . .	884	4,255	66	77	65	65	81	76	86	77
Kansas	6,678	19,075	52	77	70	83	56	72	57	71
West North Central . . .	13,147	44,026	56	76	65	79	60	75	63	76
Delaware, Maryland & D.C.	912	5,756	60	59	54	56	55	51	56	52
Virginia and West Va. . .	4,240	2,789	25	71	29	71	31	70	36	73
North and South Carolina .	591	1,512	59	72	72	66	74	74	85	75
Georgia	7,489	6,366	85	81	69	68	77	63	77	69
Florida	1,449	14,626	72	76	72	61	84	61	63	63
South Atlantic	14,681	31,049	49	72	54	62	63	61	63	64
Kentucky	577	1,525	51	70	65	84	56	78	57	78
Tennessee	2,105	7,434	74	69	62	71	89	72	92	76
Alabama and Mississippi .	1,123	1,776	70	78	59	89	74	86	78	88
East South Central . . .	3,805	10,735	66	72	62	74	80	75	83	78
Arkansas	109	1,653	40	63	39	43	55	69	53	67
Louisiana	1,082	2,171	56	60	82	55	59	66	59	65
Oklahoma	626	1,437	77	67	61	71	67	70	63	71
Texas	7,281	9,571	68	58	48	58	62	76	61	73
West South Central . . .	9,098	14,832	67	60	53	56	62	73	61	71
Mountain	1,138	10,518	58	72	53	78	67	84	64	82
Washington	676	15,268	29	37	21	41	14	34	13	32
Oregon	2,669	14,738	30	25	21	28	33	29	30	25
California	12,940	29,596	47	61	39	59	46	61	45	62
Pacific	16,285	59,602	44	49	35	47	42	46	41	45
United States (3) . . .	120,342	267,114	52	64	53	65	54	66	55	66

- 1/ Space reported to USDA and temperatures held on May 31, 1964.
2/ Preliminary.
3/ Weighted average occupancy.
4/ Insufficient returns received.

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CS B. R. Stauber, Chief